

Claims

1. (amended) A thermoset optical-purpose adhesive comprising a mixed adhesive which is mainly
5 composed of a primary agent and a curing agent, and has a visible-ray transmittance of 90% or more after heat curing under conditions of a layer thickness that is enough for the adhesive to function as an adhesive; characterized in that:
- 10 the primary agent comprises a main component constituted of a silane modified epoxy resin whose active-radical moieties other than epoxy radicals have been inactivated in part or in entirety by the aid of a metallic soap and to at least one epoxy radical of
15 which a silane coupling agent has been attached; and the curing agent comprises a main component constituted of an amine type compound or an amide type compound.
- 20 2. (deleted)
3. (amended) The thermoset optical-purpose adhesive according to claim 1, wherein said amine type compound or amide type compound constituting the main
25 component of said curing agent has been made into a latent amine addition product upon reaction with the

epoxy resin.

4. (amended) The thermoset optical-purpose
adhesive according to claim 1 or 3, wherein the
5 compounding proportion of said curing agent to 100
parts by weight of said primary agent epoxy resin is
set within the range of from 20 parts by weight to 45
parts by weight.

10 5. (amended) An optical isolator element
constituted mainly of a Faraday rotator, and a first
polarizer and a second polarizer which are
respectively disposed on both sides of the Faraday
rotator, wherein;

15 said Faraday rotator, said first polarizer and
said second polarizer are joined at their interfaces
by means of the thermoset optical-purpose adhesive
according to any one of claims 1, 3 and 4.

20 6. (amended) An optical isolator comprising an
optical isolator element and a permanent magnet which
brings into saturation magnetization a Faraday rotator
of this optical isolator element; the optical isolator
element and the permanent magnet being fastened to a
25 holder; wherein;

said optical isolator element and said permanent

magnet are fastened by bonding to the holder by means of the thermoset optical-purpose adhesive according to any one of claims 1, 3 and 4.